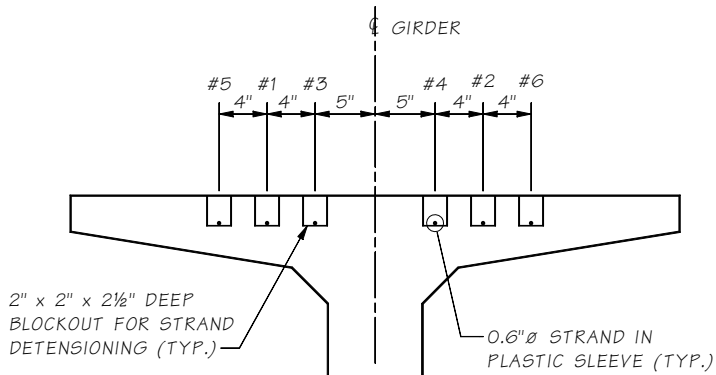
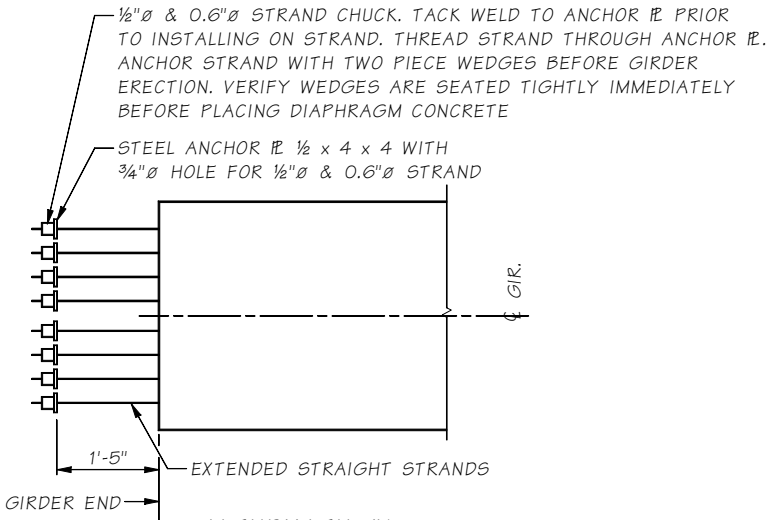


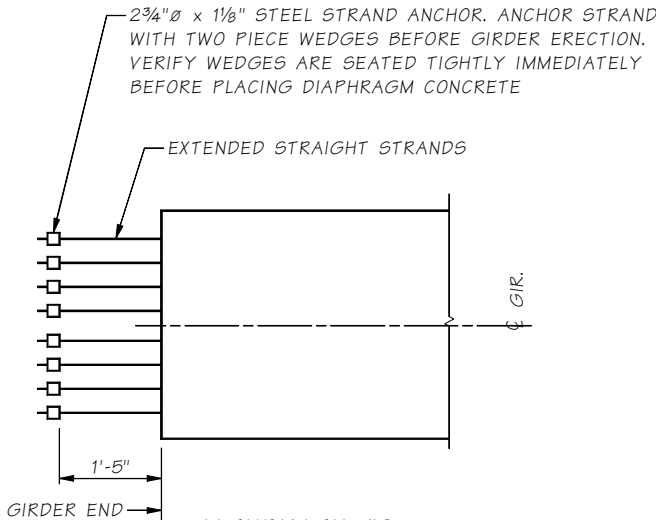
ALTERNATE STIRRUP DETAIL



SECTION A

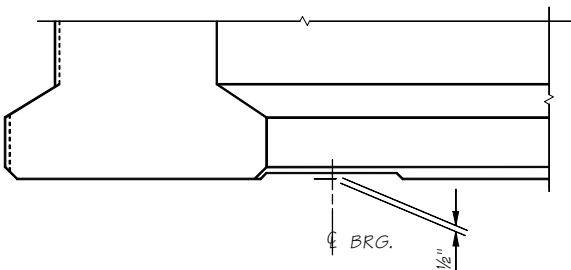


ALTERNATE #1

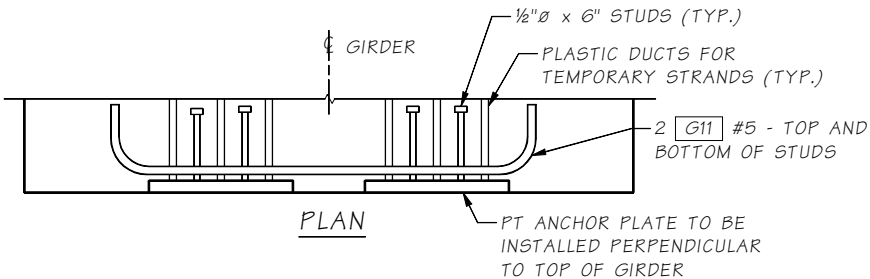


ALTERNATE #2

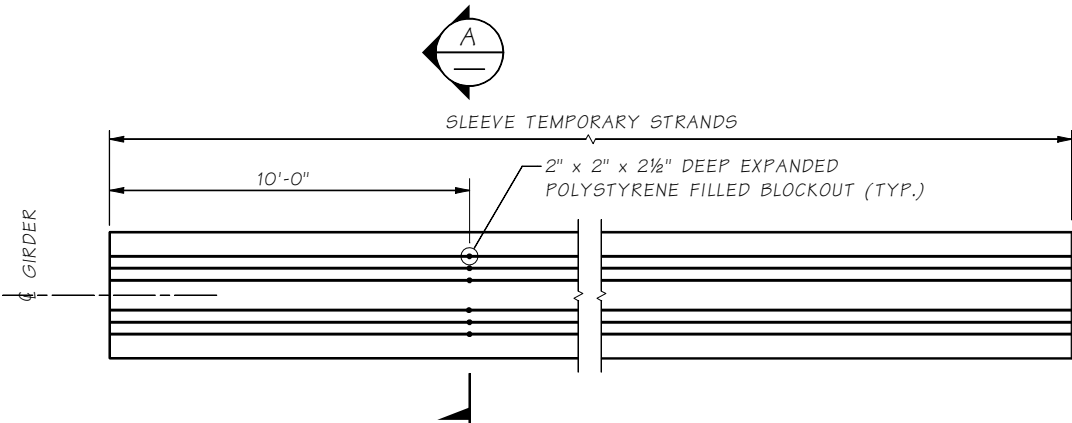
STRAND EXTENSION DETAIL



ELEVATION



PLAN

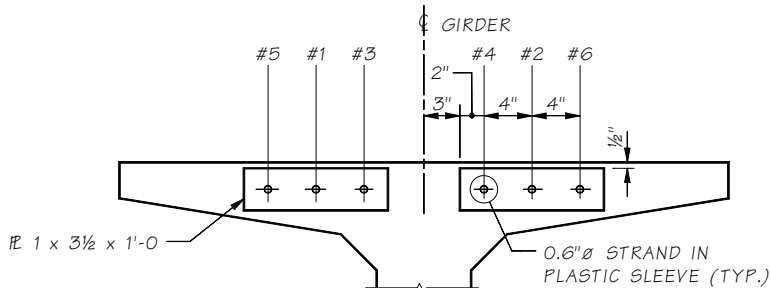


PLAN VIEW OF TEMPORARY STRANDS

3/4" CHAMFER ON FLANGE
& WEB FOR SKEWS
GREATER THAN 15°

GIR.

BRG. RECESS



ELEVATION

TEMPORARY STRAND PATTERN
AT TOP FLANGE GIRDER END

ADJUST [G4] #5 BARS TO
CLEAR THE STEEL PLATE

DIAPHRAGM TYPE	END TYPE	BEARING RECESS	X	Y	Z	SAWTEETH
End diaph. on girder	A	YES	1'-10"	1'-6"	9"	YES
"L" Abutment	B	YES	0"	0"	0"	NO
Hinge diaph. on interm. pier	C	NO	1'-10"	1'-6"	9"	YES
Fixed diaph. at interm. pier	D	NO	1'-10"	ALT. 1 OR ALT. 2 STRAND EXTEN.		YES
Mult. simple spans at interm. pier	E	YES	0"	0"	0"	NO
Spliced girder closure pour	F	NO	1'-10"	1'-6"	1'-9"	YES

BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)

MARK	LOCATION	SIZE
G1	GIRDER END STIRRUPS	5
G2	GIRDER STIRRUPS	5
G3	GIRDER TOP FLANGE	5 STR.
G4	GIRDER LONGIT. FULL LENGTH	5 STR.
G5	GIRDER LONGIT.	5
G6	GIRDER END TIES	W12δ
G7	GIRDER BOT. FLANGE TIES	3
G9	GIRDER LONGIT.	6 STR.
G10	GIRDER STIRRUPS	4
G11	GIRDER STIRRUPS	5
G12	GIRDER END LONGIT.	5

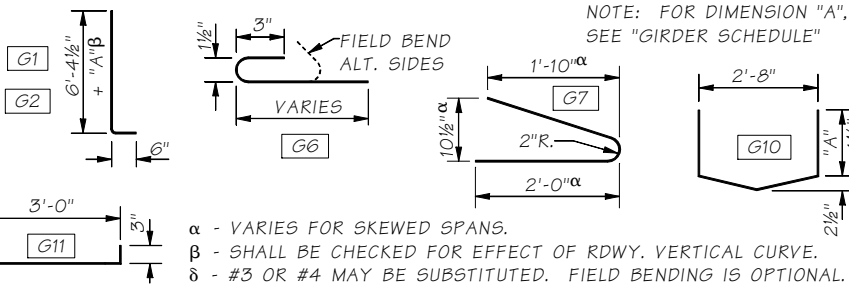
FOR END TYPES "E" AND "F" ONLY

ENDS AHEAD ON STATION

[G5] BARS LEFT OF ϕ
B1 = 0 ([G4] , [G9])
B2 = 0 ([G5])

ENDS BACK ON STATION

[G5] BARS RIGHT OF ϕ
B1 = 1 1/2" ([G4] , [G9])
B2 = 3" ([G5])



NOTE: FOR DIMENSION "A",
SEE "GIRDER SCHEDULE"

α - VARIES FOR SKEWED SPANS.
 β - SHALL BE CHECKED FOR EFFECT OF RDWY. VERTICAL CURVE.
 δ - #3 OR #4 MAY BE SUBSTITUTED. FIELD BENDING IS OPTIONAL.

PLAN

BOTTOM FLANGE

Bridge Design Engr.	M:\Standards\Girders\PT Wide Flange\WF74PTG3.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By						
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE
AND
STRUCTURES
OFFICE



STANDARD
PRESTRESSED CONCRETE GIRDERS

WF74PTG GIRDER
DETAILS 3 OF 5

BRIDGE
SHEET
NO.
SHEET
OF
SHEETS

5.9-A1-3

SR JOB NO. SHEET